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Approved For Release 2004/06/29 : CIA-RDP63-00313A000500140025-5

[Redacted]

Copy 6 of 6

9 October 1963

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MEMORANDUM FOR THE RECORD

SUBJECT : Atlas/Agena D Weight Capability

The 90° orbit weight capability of the Atlas/Agena D of 5000 lbs. turns out to be payload weight. Subsequent estimates by the P-14 shop at LMSC indicate that empty weight in orbit EWS for a 90° inclination is about 6300 lbs. and that for 82° it would be about 6400 lbs. Use of Hybeline would increase this by a minimum of 400 lbs. and maximum of 700 lbs.

SIGNED

[Redacted]
Space Systems Division
(Special Activities)

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[Redacted] SSD/OSA: gp

Distribution:

- Cy 1 - SAS/DD/S&T
- 2 - AD/OEA
- 3 - D/TECH/OEA
- 4 - SSD/OEA
- 5 - SSD/OSA (chrono)
- 6 - RB/OEA

NRO review(s) completed.

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